

DT02 Rec'd PCT/PTO 06 JAN 2005

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER TRANS 3.3-052
INTERNATIONAL APPLICATION NO. PCT/US2003/021140	INTERNATIONAL FILING DATE 3 July 2003	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 107520535
TITLE OF INVENTION CARDIAC ABLATION USING MICROBUBBLES		
APPLICANT(S) FOR DO/EO/US Patrick David Lopath		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.4. <input type="checkbox"/> The US has been elected (Article 31).5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))<ol style="list-style-type: none">a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2))<ol style="list-style-type: none">a. <input type="checkbox"/> is attached hereto.b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))<ol style="list-style-type: none">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).b. <input type="checkbox"/> have been communicated by the International Bureau.c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.d. <input checked="" type="checkbox"/> have not been made and will not be made.8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none">11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. w/PTO-1449, 2 references enclosed12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.13. <input type="checkbox"/> A preliminary amendment.14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.15. <input type="checkbox"/> A substitute specification.16. <input type="checkbox"/> A power of attorney and/or change of address letter.17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.18. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).20. <input checked="" type="checkbox"/> Other items or information: Three (3) Sheets of Formal Drawings, Copy of Notification of The Recording Of A Change (PCT/IB/306), Return Receipt Postcard		

U.S. APPLICATION NO. # Known Search CEB 15 10/520535		INTERNATIONAL APPLICATION NO. PCT/US2003/021140		ATTORNEY'S DOCKET NUMBER TRANS 3.3-052																																																																																																					
<p>21. The following fees are submitted:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; padding: 2px;"><input checked="" type="checkbox"/></td> <td style="width: 80%; padding: 2px;">a) Basic national fee</td> <td style="width: 10%; padding: 2px;">\$300.00</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>b) Examination fee</td> <td>\$200.00</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>c) Search fee</td> <td>\$500.00</td> </tr> <tr> <td colspan="2" style="text-align: right; padding: 2px;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="padding: 2px;">\$1000.00</td> </tr> </table> <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Total Sheets</th> <th style="width: 15%;">Extra sheets</th> <th style="width: 60%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width: 10%;">RATE</th> </tr> <tr> <td style="padding: 2px;">17 - 100 =</td> <td style="padding: 2px; text-align: center;">/50 =</td> <td style="padding: 2px;"></td> <td style="padding: 2px; text-align: center;">x \$250.00</td> </tr> </table> <p>Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">CLAIMS</th> <th style="width: 15%;">NUMBER FILED</th> <th style="width: 15%;">NUMBER EXTRA</th> <th style="width: 10%;">RATE</th> <th colspan="2"></th> </tr> <tr> <td style="padding: 2px;">Total claims</td> <td style="padding: 2px; text-align: center;">12 - 20 =</td> <td style="padding: 2px;"></td> <td style="padding: 2px; text-align: center;">x</td> <td style="padding: 2px; text-align: center;">\$ 0.00</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Independent claims</td> <td style="padding: 2px; text-align: center;">2 - 3 =</td> <td style="padding: 2px;"></td> <td style="padding: 2px; text-align: center;">x</td> <td style="padding: 2px; text-align: center;">\$ 0.00</td> <td style="padding: 2px;"></td> </tr> <tr> <td colspan="4" style="text-align: right; padding: 2px;">MULTIPLE DEPENDENT CLAIM(s) (if applicable)</td> <td style="padding: 2px; text-align: center;">+</td> <td style="padding: 2px;">\$</td> </tr> <tr> <td colspan="4" style="text-align: right; padding: 2px;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="padding: 2px; text-align: center;">\$ 1,000.00</td> <td style="padding: 2px;"></td> </tr> </table> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="4" style="text-align: right; padding: 2px;">SUBTOTAL =</td> <td style="padding: 2px; text-align: center;">\$ 500.00</td> <td style="padding: 2px;"></td> </tr> <tr> <td colspan="4" style="text-align: right; padding: 2px;">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).</td> <td style="padding: 2px; text-align: center;">+</td> <td style="padding: 2px;">\$</td> </tr> <tr> <td colspan="4" style="text-align: right; padding: 2px;">TOTAL NATIONAL FEE =</td> <td style="padding: 2px; text-align: center;">\$ 500.00</td> <td style="padding: 2px;"></td> </tr> <tr> <td colspan="4" style="text-align: right; padding: 2px;">Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> <td style="padding: 2px; text-align: center;">+</td> <td style="padding: 2px;">\$</td> </tr> <tr> <td colspan="4" style="text-align: right; padding: 2px;">TOTAL FEES ENCLOSED =</td> <td style="padding: 2px; text-align: center;">\$ 500.00</td> <td style="padding: 2px;"></td> </tr> <tr> <td colspan="4" style="text-align: right; padding: 2px;">Amount to be refunded:</td> <td style="padding: 2px; background-color: #cccccc;">\$</td> <td style="padding: 2px;"></td> </tr> <tr> <td colspan="4" style="text-align: right; padding: 2px;">Amount to be charged:</td> <td style="padding: 2px; background-color: #cccccc;">\$</td> <td style="padding: 2px;"></td> </tr> </table>				<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00	<input checked="" type="checkbox"/>	b) Examination fee	\$200.00	<input checked="" type="checkbox"/>	c) Search fee	\$500.00	TOTAL OF ABOVE CALCULATIONS =		\$1000.00	Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	17 - 100 =	/50 =		x \$250.00	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			Total claims	12 - 20 =		x	\$ 0.00		Independent claims	2 - 3 =		x	\$ 0.00		MULTIPLE DEPENDENT CLAIM(s) (if applicable)				+	\$	TOTAL OF ABOVE CALCULATIONS =				\$ 1,000.00		SUBTOTAL =				\$ 500.00		Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				+	\$	TOTAL NATIONAL FEE =				\$ 500.00		Fee for recording the enclosed assignment (37 CFR 1.21 (h)). 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A duplicate copy of this sheet is enclosed.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</td> </tr> </table> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p style="text-align: right; margin-right: 100px;"></p> <p style="text-align: right; margin-right: 100px;">SIGNATURE: Marcus J. Millet</p> <p style="text-align: right; margin-right: 100px;">NAME</p> <p>CUSTOMER NUMBER: 000530 28,241 REGISTRATION NUMBER</p>		<input type="checkbox"/>	A check in the amount of \$ _____ to cover the above fees is enclosed.	<input checked="" type="checkbox"/>	Please charge my Deposit Account No. <u>12-1095</u> in the amount of \$ <u>500.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.	<input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>12-1095</u> . A duplicate copy of this sheet is enclosed.	<input type="checkbox"/>	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
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